Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 30 Dec 2021 until 23:59 on Friday 31 Dec 2021

Forecast Issued on Thursday 30 Dec 2021 at 01:06

Confidence: High for mild but unsettled conditions the rest of this week, with spells of wet and windy weather. Moderate confidence for transition to colder conditions next week.

Headline for Thursday 30 Dec 2021: Cloudy and windy with outbreaks of rain and drizzle. Very mild for the time of year.

Mountain weather hazards on Thursday 30 Dec 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Light rain	Heavy Rain	Cloudy
Precipitation probability					
70%	60%	60%	60%	70%	40%

Forecast for Thursday 30 Dec 2021

Weather: Cloudy and windy with outbreaks of rain drizzle, turning heavy during the early morning and evening. Rain clearing northwards later in the evening, but it will remain cloudy.

Chance of cloud free mountain/hill tops above 600m: 0-20% in the west, 20-40% in the east.

Visibility: Good at times lower down in the east, otherwise moderate or poor in rain and drizzle, and occasionally very poor over the tops. Extensive cloud, base 500-700m, occasionally lowering to 300m at times.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 30 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	31/39 SW	28/37 SW	25/34 SW	22/30 SW	25/34 SW	30/41 SW	30/42 SW
300	22/30 SW	20/30 SW	19/29 SW	17/26 SW	20/30 SW	24/35 SW	23/34 SW
Valley	13/28 SW	12/26 SW	13/26 SW	11/23 SW	12/27 SW	15/33 SW	14/32 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/5	10/5	10/6	10/6	10/5	9/4	8/4
300	11/8	11/8	12/8	12/9	11/8	11/7	11/7
Valley	11/9	11/9	12/10	12/10	12/9	12/9	11/8
Freezing Level*	2500m	2500m	2500m	2400m	2600m	2500m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigational difficulties possible at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 30 Dec 2021	1.8mm	6.2mm	12.2mm

Forecast for Friday 31 Dec 2021

Weather: Cloudy with outbreaks of rain overnight and during the morning. Turning drier in the afternoon with some bright spells developing. Very windy with some buffet over the tops.

Maximum wind: West/Southwest 30-40 mph gusting 50-60mph over the tops.

Chance of cloud free mountain/hill tops above 600m: 30% becoming 80% in the afternoon.

Visibility: Moderate or poor in rain, becoming mostly good or very good in the afternoon. Extensive cloud, base 600m or less, lifting and breaking to patches above the tops during the afternoon.

Temperature: **Valleys:** Plus 8 to 12 Celsius
At 600m: Plus 7 Celsius
Freezing level: Above the summits.

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